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Curriculum Vitae

Fuyu Cai, was born on November 16th, 1988, in Zhanjiang, Canton, the People's Republic of China. In 2007, he started his bachelor study in Biomedical and Information Engineering at the Northeastern University (China), focusing on 2D blood vessel (vein) image analysis. He received the bachelor degree under the supervision of Prof. Dean. Yan Kang and co-supervision of Prof. Bart M. ter Haar Romeny and Dr. Han van Triest.

In 2011, he received a full-grant National Scholarship to start his master study in Biomedical and Information Engineering at the Northeastern University (China). For his master thesis, in collaboration with local hospital, he focused on cardiovascular blood fluid dynamic simulation based on ANSYS Workbench, and successfully verified Fractional Flow Reserve (FFR) score in a non-invasive environment. He received his master degree under the supervision of Prof. Dean. Yan Kang and co-supervision of Prof. Shouliang Qi.

In 2013, he received a full-grant Chinese Scholar Council (CSC) scholarship to start his Ph.D. research in Imaging and Bioinformatics group, Leiden Institute of Advanced Computer Science, Leiden University (the Netherlands), under the supervision of Prof. Fons. J. Verbeek. In collaboration with Aging and Signal Transduction group, Cell Molecular Biology, Leiden University Medical Center, his Ph.D. research focused on the designs of fuzzy system and unsupervised learning algorithms for bioinformatics data analysis.

